

PTO/SB/08A (07-05)

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Substitute for form 1449/PTO

Sheet 1

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of 1

Complete if Known				
Application Number	10/519,980			
Filing Date	January 4, 2005			
First Named Inventor	Hirohisa TANAKA			
Art Unit	1754			
Examiner Name	Cam NGUYEN			
Attorney Docket Number	71465.0009			

Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.1	Number-Kind Code <sup>2 (# troom)</sup>	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevan Figures Appear
(m)	<u> </u>	<sup>US-</sup> 5,439,865	08-08-1995	Abe et al.	
		<sup>US-</sup> 6,602,479	08-05-2003	Taniguchi et al.	
		<sup>US-</sup> 5,990,038	11-23-1999	Suga et al.	
		US- 5,462,907	10-31-1995	Farrauto et al.	
		<sup>US-</sup> 5,814,576	09-29-1998	Yamamoto	
		<sup>us-</sup> 5,491,120	02-13-1996	Voss et al.	
		<sup>US-</sup> 5,212,142	05-18-1993	Dettling	
		<sup>US-</sup> 5,139,992	08-18-1992	Tauster et al.	
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		<sup>US-</sup> 5,837,642	11-17-1998	Tanaka et al.	
		<sup>US-</sup> 5,849,659	12-15-1998	Tanaka et al.	
		<sup>US-</sup> 6,464,946	10-15-2002	Yamada et al,	
		<sup>US-</sup> 6,682,706	01-27-2004	Yamamoto et al.	
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		US- 6,881,384	04-19-2005	Uenishi et al.	
		<sup>US-</sup> 6,261,989	07-17-2001	Tanaka et al.	
1		US- 6,864,214	03-08-2005	Uenishi et al.	
<b>√</b> .		<sup>US-</sup> 6,576,200	06-10-2003	Yamamoto et al.	
WN .		<sup>US-</sup> 6,620,762	09-16-2003	Tan et al.	

		FORE	IGN PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Γ
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Substitute for form 1449/PTO		Complete if Known		
		Application Number	10/519,980	
IN	FORMATION DISCLOSURE	Filing Date	January 4, 2005	
STATEMENT BY APPLICANT		First Named Inventor	Hirohisa TANAKA	
		Art Unit	1754	
	(Use as many sheets as necessary)	Examiner Name	Cam N. NGUYEN	
Sheet	1 of 2	Attorney Docket Number	71465.0009	

Examiner	Cite	Document Number	U. S. PATENT D	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	Cite No.1	Number-Kind Code <sup>2 (# known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
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CM,		JP H06-210175	08-02-1994	Daihatsu Motor Co., Ltd.		1
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rademark Office; U.S. DEPARTMENT OF COMMENTATIONS

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	Application Number	10/519,980
INFORMATION DISCLOSU	RE Filing Date	January 4, 2005
STATEMENT BY APPLICAL	First Named Inventor	Hirohisa TANAKA
(Use as many sheets as necessary)	Art Unit	1754
	Examiner Name	Cam N. NGUYEN
Sheet 2 of 2	Attorney Docket Number	71465.0009

·		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
Cra		HIROHISA TANAKA et al., An Intelligent Catalyst, Society of Automotive Engineers, 01-2001-1301	
Cra		HIROHISA TANAKA et al., Regeneration of Palladium, Topics in Catalysis, Volumes 16/17, Nos. 1-4, 2001	
Can		T. MOTOHIRO et al., Time-resolved Time-of-flight Mass Spectrometry (I), Applied Surface Science 121/122 (1997) 319-322	
Cu	)	T. MOTOHIRO et al., Time-resolved Time-of-flight Mass Spectrometry (II), Applied Surface Science 121/122 (1997) 323-326	
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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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attion Number Substitute for form 1448/PTO Application Number 10/519,980 Filing Date January 4, 2005 INFORMATION DISCLOSURE First Named Inventor Hirohisa TANAKA STATEMENT BY APPLICANT Art Unit 1754 (Use as many sheets as necessary) Examiner Name Cam N. NGUYEN 71465.0009 Sheet 1 of 6 Attorney Docket Number

	U. S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 of Incompt</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		<sup>US-</sup> 5,380,692	01-10-1995	Nakatsuji et al.			
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cur		JP H06-304449	11-01-1994	Toyota Central Res & Dev		7
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CAN.		JP H03-068451	03-25-1991	Toyota Motor Corp.		7

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	Application Number	10/519,980			
INFORMATION DISCLOSURE	Filing Date	January 4, 2005			
	First Named Inventor	Hirohisa TANAKA			
STATEMENT BY APPLICANT	Art Unit	1754			
(Use as many sheats as necessary)	Examiner Name	Cam N. NGUYEN			
Sheet 2 of 6	Attorney Docket Number	71465.0009			

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	Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (# known)	MM-DD-YYYY	Applicant or Ones Document	Where Relevant Passages Or Relevant Figures Appear	1	
		JP 2000-042368	02-15-2000	Nissan Motor Co., Ltd.		7
ear		EP 0 525 677 A1	07-24-1992	Dalhatsu Motor Co., Ltd.		T
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Complete If Known Substitute for form 1449/PTO **Application Number** 10/519,980 Filing Date January 4, 2005 INFORMATION DISCLOSURE First Named Inventor Hirohisa TANAKA STATEMENT BY APPLICANT Art Unit 1754 (Use as many sheets as necessary) Examiner Name Cam N. NGUYEN Attorney Docket Number 71465.0009 Sheet 3

			U. S. PATENT D		
Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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CM		JP 2000-143251	05-23-2000	Mitsubishi Materials Corp		1
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CAR	1	JP H05-245372	09-24-1993	Petroleum Energy Center		7
CAN		JP H07-068175	03-14-1995	Dalhatsu Motor Co. Ltd.		7
CAL		JP H07-080311	03-28-1995	Daihatsu Motor Co. Ltd.		17
can		JP H08-210175	08-02-1994	Daihatsu Motor Co. Ltd.		7

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Sheet 4

**Application Number** 10/519,980 Filing Date January 4, 2005 First Named Inventor Hirohisa TANAKA Art Unit 1754 Cam N. NGUYEN **Examiner Name** Attorney Docket Number 71465.0009

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ON		JP H05-253484	10-05-1993	Daihatsu Motor Co. Ltd.		7
CW		JP H05-220395	08-31-1993	Dalhatsu Motor Co. Ltd.	<del></del>	7
CAN		JP H08-224446	09-03-1998	Daihatsu Motor Co. Ltd.		7
CM		JP 2000-258017		Nissan Motor Co., Ltd.		7
LAN		JP 11-207183		Daihatsu Motor Co. Ltd.		7
Can		JP 60-025544	02-08-1985	Toyota Motor Corp.		7

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Substitute for form 1449/PTO	Complete If Known		
	Application Number	10/519,980	
INFORMATION DISCLOSURE	Filing Date	January 4, 2005	
	First Named Inventor	Hirohisa TANAKA	
STATEMENT BY APPLICANT	Art Unit	1754	
(Use as many sheats as necessary)	Examiner Name	Cam N. NGUYEN	
heet 5 pf 6	Attorney Docket Number	71465.0009	

Examiner	CHa	Document Number	U. S. PATENT D Publication Date	Name of Patentee or	I Deare Orton at the 188
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10/519,980

INFORMATION DISCLOSURE STATEMENT BY APPLICANT						Filing Date	January 4, 2005 Hirohisa TANAKA 1754	
					PPLICANT	First Named Inventor		
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i i i i i i i i i i i i i i i i i i i						Examiner Name	Cam N. NGUYEN	
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